## 10/509595

## DT05 Rec'd PCT/PT0 2.9 SEP 2000

## SEQUENCE LISTING

<110>	Sysmex Corporation ASANO, Kaoru TAKAHATA, Takayuki NUMADA, Shigehiro MASAGO, Akinori KOUCHI, Yasuhiro	
<120>	GENE EXAMINATION METHOD FOR JUDGING THE ONSET RISK OF GLAUCOMA	1
<130>	Q83447	
<150> <151>	JP 2002-093443 2002-03-29	
<150> <151>		
<160>	27	
<170>	PatentIn version 3.3	
<210> <211> <212> <213>	DNA	
<400>	1 cagg aagteteece actetagaet tetgeateae gatgttacag ecagaagete	60
_	ggtg agggtctgtg tcttacacct acctgtatgc tctacacctg agctcactgc	120
	tgcc tcccaggttc aagcaattct cctgtctcag cctcccgcgt agctgggact	180
	gcac gcccggctaa tttttgtatt gttagtagag atggggtttc accatattag	240
	tggt cttgaactcc tgacctcagg tgatccaccc acctcagcct cctaaagtgc	300
	taca ggcatgagtc accgcgcccg gccaagggtc agtgtttaat aaggaataac	360
	ggtt tactaaacca acagggaaac agacaaaagc tgtgataatt tcagggattc	420
	tggg gaatggtgcc atgagctgcc tgcctagtcc cagaccactg gtcctcatca	480
	tccc tcatcctcat tttcaggcta agttaccatt ttattcacca tgcttttgtg	540
	ctcc acatcgttac tgaaataaga gtatacataa actagttcca tttggggcca	600
	tgtg tgtatagggg aggagggcat accccagaga ctccttgaag cccccggcag	660
	cctc tccagctggg ggagccctgc aagcacccgg ggtcctgggt gtcctgagca	720
		780
	cage cegtgecact ggttgttttg ttateactet etagggacet gttgetttet	840
	gtgt gactcgttca ttcatccagg cattcattga caatttattg agtacttata	
	agac accagagaca aaatggtgag caaagcagtc actgccctac cttcgtggag	900
gtgaca	gttt ctcatggaag acgtgcagaa gaaaattaat agccagccaa cttaaaccca	960

1020 gtgctgaaag aaaggaaata aacaccatct tgaagaattg tgcgcagcat cccttaacaa ggccacctcc ctagcgcccc ctgctgcctc catcgtgccc ggaggccccc aagcccgagt 1080 1140 cttccaagec tectecteca teagteacag egetgeaget ggeetgeete getteeegtg 1200 aatcgtcctg gtgcatctga gctggagact ccttggctcc aggctccaga aaggaaatgg agagggaaac tagtctaacg gagaatctgg aggggacagt gtttcctcag agggaaaggg 1260 1320 gcctccacgt ccaggagaat tccaggaggt ggggactgca gggagtgggg acgctggggc tgagcgggtg ctgaaaggca ggaaggtgaa aagggcaagg ctgaagctgc ccagatgttc 1380 agtgttgttc acggggctgg gagttttccg ttgcttcctg tgagcctttt tatcttttct 1440 ctgcttggag gagaagaagt ctatttcatg aagggatgca gtttcataaa gtcagctgtt 1500 1560 aaaattccag ggtgtgcatg ggttttcctt cacgaaggcc tttatttaat gggaatatag 1620 1680 catgtettet gggcaactae teagecetgt ggtggaettg gettatgeaa gaeggtegaa 1740 aaccttggaa tcaggagact cggttttctt tctggttctg ccattggttg gctgtgcgac 1800 cgtgggcaag tgtctctct tccctgggcc atagtcttct ctgctataaa gacccttgca gctctcgtgt tctgtgaaca cttccctgtg attctctgtg aggggggatg ttgagagggg 1860 1920 aaggaggcag agctggagca gctgagccac aggggaggtg gagggggaca ggaaggcagg 1980 cagaagctgg gtgctccatc agtcctcact gatcacgtca gactccagga ccgagagcca 2040 caatgettea ggaaagetea atgaaceeaa cageeacatt tteetteeet aageatagae 2100 aatggcattt gccaataacc aaaaagaatg cagagactaa ctggtggtag cttttgcctg 2160 gcattcaaaa actgggccag agcaagtgga aaatgccaga gattgttaaa cttttcaccc 2220 tgaccagcac cccacgcagc tcagcagtga ctgctgacag cacggagtga cctgcagcgc aggggaggag aagaaaaaga gagggatagt gtatgagcaa gaaagacaga ttcattcaag 2280 2340 ggcagtggga attgaccaca gggattatag tccacgtgat cctgggttct aggaggcagg gctatattgt ggggggaaaa aatcagttca agggaagtcg ggagacctga tttctaatac 2400 2460 tatatttttc ctttacaagc tgagtaattc tgagcaagtc acaaggtagt aactgaggct 2520 gtaagattac ttagtttctc cttattagga actctttttc tctgtggagt tagcagcaca 2580 agggcaatcc cgtttctttt aacaggaaga aaacattcct aagagtaaag ccaaacagat 2640 tcaagcctag gtcttgctga ctatatgatt ggttttttga aaaatcattt cagcgatgtt 2700 tactatctga ttcagaaaat gagactagta ccctttggtc agctgtaaac aaacacccat ttgtaaatgt ctcaagttca ggcttaactg cagaaccaat caaataagaa tagaatcttt 2760

2820 agagcaaact gtgtttctcc actctggagg tgagtctgcc agggcagttt ggaaatattt 2880 acttcacaag tattgacact gttgttggta ttaacaacat aaagttgctc aaaggcaatc 2940 attatttcaa gtggcttaaa gttacttctg acagttttgg tatatttatt ggctattgcc 3000 atttgctttt tgttttttct ctttgggttt attaatgtaa agcagggatt attaacctac 3060 agtocagaaa gootgtgaat ttgaatgagg aaaaaattac atttttgttt ttaccacott ctaactaaat ttaacatttt attccattgc gaatagagcc ataaactcaa agtggtaata 3120 3180 acagtacctg tgattttgtc attaccaata gaaatcacag acattttata ctatattaca gttgttgcag atacgttgta agtgaaatat ttatactcaa aactactttg aaattagacc 3240 tcctgctgga tcttgttttt aacatattaa taaaacatgt ttaaaatttt gatattttga 3300 3360 taatcatatt tcattatcat ttgtttcctt tgtaatctat attttatata tttgaaaaca 3420 tetttetgag aagagtteee cagattteae caatgaggtt ettggeatge acacacag agtaagaact gatttagagg ctaacattga cattggtgcc tgagatgcaa gactgaaatt 3480 3540 agaaagttct cccaaagata cacagttgtt ttaaagctag gggtgagggg ggaaatctgc 3600 egettetata ggaatgetet eeetggagee tggtagggtg etgteettgt gttetggetg 3660 gctgttattt ttctctgtcc ctgctacgtc ttaaaggact tgtttggatc tccagttcct 3720 agcatagtgc ctggcacagt gcaggttctc aatgagtttg cagagtgaat ggaaatataa 3780 actagaaata tatccttgtt gaaatcagca caccagtagt cctggtgtaa gtgtgtgtac 3840 gtgtgtgtgt gtgtgtgtt gtgtgtaaaa ccaggtggag atataggaac tattattggg gtatgggtgc ataaattggg atgttctttt taaaaagaaa ctccaaacag acttctggaa 3900 3960 ggttattttc taagaatctt gctggcagcg tgaaggcaac ccccctgtgc acagccccac 4020 ccagcetcae gtggccacet etgtettece ccatgaaggg etggeteece agtatatata 4080 aacctetetg gageteggge atgagecage aaggeeacee atecaggeac eteteageae 4140 agcagagett tecagaggaa geeteaceaa geetetgeaa tgaggttett etgtgeaegt tgctgcagct ttgggcctga gatgccagct gtccagctgc tgcttctggc ctgcctggtg 4200 tgggatgtgg gggccaggac agctcagctc aggaaggcca atgaccagag tggccgatgc 4260 4320 cagtatacct tcagtgtggc cagtcccaat gaatccagct gcccagagca gagccaggcc 4380 atgtcagtca tccataactt acagagagac agcagcaccc aacgcttaga cctggaggcc accaaagete gacteagete cetggagage etectecace aattgacett ggaceagget 4440 4500 gccaggcccc aggagaccca ggaggggctg cagagggagc tgggcaccct gaggcgggag 4560 cgggaccagc tggaaaccca aaccagagag ttggagactg cctacagcaa cctcctccga

4620 gacaagtcag ttctggagga agagaagaag cgactaaggc aagaaaatga gaatctggcc 4680 aggaggttgg aaagcagcag ccaggaggta gcaaggctga gaaggggcca gtgtccccag 4740 acccgagaca ctgctcgggc tgtgccacca ggctccagag aaggtaagaa tgcagagtgg 4800 qqqqactctg agttcagcaq gtgatatggc tcgtagtgac ctgctacagg cgctccaggc 4860 ctccctgcct gccctttctc ctagagactg cacagctagc acaagacaga tgaattaagg 4920 aaagcacagc gatcaccttc aagtattact agtaatttag ctcctgagag cttcatttag 4980 attagtggtt cagagttctt gtgcccctcc atgtcagttt tcacagtcca tagcaaaagg 5040 agaaataaaa ggaccgggtg agatgtgtct gcatatgagc agtagaaagt tgtcaattgt cccttttgaa aaactatcct tttttgaacc tttgctcaga ttgttatttg taccttttga 5100 5160 tgttaaaatg acctttattt atgaaattac aatagatttg ggaaatgata ataagtggta 5220, agtttttgtt tatttttaaa tgttcttccc tggcaaaata aagagatggc acctctctgt 5280 cagttttctt aatatgttgt tctgaaagtt ttcttactca gtccaatctg agaacctctg 5340 cttttaagtc atcagacaaa ttcttgagat ggctttttct gagaggctct tctgttcatc 5400 ctggtccctt cttgcctaaa ggtgagtctg tgtgtgtgtg gggggggtgc gggggtgagg tgttggggga ggtcttctta ttagctggga agatggtatt tgtgtcactt tttgtgaaag 5460 5520 tgggctccca aatattccct gttgaggaag tgttctaatc atgaggaaat aagcaagcaa 5580 atccagttgt tggacaatta gtttggactg gtcaaagatg tcagtgccaa ggaagaaaga aaaaaggggt ggggaagggc ttgttctata ttaaagagac taaagaaatg tgttaaccaa 5640 5700 atgtagtgca tgagtcttga ttggtgtctt catccaaggg ggaaaaaggc tatgaggaac 5760 aggtttggga taactgaggc aatttgactg ctcattatta tgttactgta ttaatgttca gtttcttggt gagataatga tactgtggtt gcgaaggata aaatctttgt tctatggaga 5820 5880 tacatgctta agtacccagg gtgaggcgtc aggatgtctg caatttgctc tcaaatggtt 5940 gaagaaagac tgcaaatata tagataatga gagaaagaaa ggtaaaacaa ctgtggcaaa 6000 atattaataa ctggtgaatt acaaactggt gaatctaagt atatggggag cttattgtac

<sup>&</sup>lt;210> 2 <211> 25

<sup>&</sup>lt;212> DNA

<sup>&</sup>lt;213> Artificial Sequence

<sup>&</sup>lt;220>

<sup>&</sup>lt;223> Designed DNA based on MYOC gene

<sup>&</sup>lt;400> 2 ctctagactt ctgcatcacg atgtt

<210>	3	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Designed DNA based on MYOC gene	
<400>	3	25
agetee	ccat atacttagat tcacc	25
<210>	4	
<211>	19	
<211>		
	Artificial Sequence	
\213/	Altificial bequence	
<220>		
	Desiend DNA based on MYOC gene	
1220	bootona biin badda dii mee gene	
<400>	4	
	ccaa cagggaaac	19
<210>	5	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>	•	
<223>	Designed DNA based on MYOC gene	
<400>	5	0.0
tggttg	tttt gttatcactc	20
4010s		
<210>	6	
<211> <212>	18	
	Artificial Sequence	
\213/	Altilitial Sequence	
<220>		
	Designed DNA based on MYOC gene	
12237	bookgined bill based on miles your	
<400>	6	
	catc agtcacag	18
<210>	7	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Deisigned DNA based on MYOC gene	
<400>		
gaagte	tatt tcatgaaggg	20

<210><211><211><212><213>	8 18 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> agctct	8 cgtg ttctgtga	18
<210> <211> <212> <213>	18 DNA	
<220> <223>	Designed DNA based on MYOC gene	
<400> aaactt	9 ttca ccctgacc	18
<210> <211> <212> <213>	DNA .	
<220> <223>	Designed DNA based on MYOC gene	
<400> ttctct	10 gtgg agttagcag	19
<210> <211> <212> <213>		
<220> <223>	Designed DNA based on MYOC gene	
<400> acataa	11 agtt gctcaaagg	19
<210><211><211><212><213>	DNA	
<220> <223>	Designed DNA based on MYOC gene	
<400> ctttga	12 aatt agacctcctg	20

<210> <211> <212> <213>		
<220> <223>	Designed DNA based on MYOC gene	
<400> gctgtta	13 attt ttctctgtcc	20
	14 18 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> ctaagaa	14 atct tgctggca	18
<210> <211> <212> <213>	15 19 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> ttctta	15 cctt ctctggagc	19
<210> <211> <212> <213>	16 19 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> ttatgga	16 atga ctgacatgg	19
<210> <211> <212> <213>	17 20 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> tttata	17 tata ctggggagcc	20

<210><211><211><212><213>	18 18 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> ccattc	18 actc tgcaaact	18
<210> <211> <212> <213>		
<220> <223>	Designed DNA based on MYOC gene	
<400> ggaact	19 cttc tcagaaagat	20
<210> <211> <212> <213>	18	
<220> <223>	Designed DNA based on MYOC gene	
<400> aaaagc	20 aaat ggcaatag	18
<210><211><211><212><213>	21 19 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> gaccta	21 ggct tgaatctgt	19
<210><211><211><212><213>	DNA	
<220> <223>	Designed DNA based on MYOC gene	
<400> tgctca	22 taca ctatecete	19

<210><211><211><212><213>	23 18 DNA Artificial Sequence	
<220> <223>	Desigend DNA based on MYOC gene	
<400> agtgag	23 gact gatggagc	18
<210> <211> <212> <213>	19 DNA	
<220> <223>	Designed DNA based on MYOC gene	
<400> attccc	24 atta aataaaggc	19
<210> <211> <212> <213>	18	
<220> <223>	Designed DNA based on MYOC gene	
<400> 25 agtctccagc tcagatgc 18		18
<210><211><211><212><213>	26 18 DNA Artificial Sequence	
<220> <223>	Designed DNA based on MYOC gene	
<400> attgtc	26 aatg aatgcctg	18
<210><211><211><212><213>	DNA	
<220> <223>	Designed DNA based on MYOC gene	
<400> cagtgg	27 tctg ggactagg	18